

WHAT IS CLAIMED IS:

1. A data transmitting method of transmitting data from a transmission means to a receiving terminal means, comprising:
a transmission step of transmitting unique terminal information to specify and identify one of a plurality of said receiving terminal means as a destination of transmission and an update program to change processing of said receiving terminal means, from said transmission means to said receiving terminal means; and

an update step of receiving said unique terminal information and said update program by said receiving terminal means, storing said unique terminal information and said update program in specified storage means to update said processing.

2. The data transmitting method according to claim 1, wherein following said update step, said data transmitting method comprises:

a transfer request step of transmitting a transfer request generated based on said update program, from said receiving terminal means to said transmission means along with said unique terminal information; and

a reply step of replying desired data corresponding to said transfer request from said transmission means to said receiving terminal means based on said unique terminal information.

3. The data transmitting method according to claim 2, wherein before said reply step, said data transmitting method further comprises

an authentication step of authenticating whether said unique terminal information transmitted from said receiving terminal means has been registered in a database of said transmission means.

4. The data transmitting method according to claim 1, wherein:

said transmission step transmits converted unique information obtained by converting said unique terminal information into a prescribed format, from said transmission means to said receiving terminal means; and

said update step returns said unique terminal information based on said received converted unique information and then stores it in said storage means.

5. The data transmitting method according to claim 4, wherein a key ID is used as said converted unique information.

6. The data transmitting method according to claim 2, wherein in said reply step, said desired data is replied from said transmission means to said receiving terminal means via a communication satellite based on said unique terminal information.

7. The data transmitting method according to claim 2, wherein

in said reply step, said desired data is replied using Internet from said transmission means to said receiving terminal means based on said unique terminal information.

8. The data transmitting method according to claim 2, wherein in said reply step, said desired data is replied from said transmission means to said receiving terminal means through a terrestrial circuit based on said unique terminal information.

9. The data transmitting method according to claim 2, wherein said desired data replied in said reply step is displayed on a display means of said receiving terminal means based on said unique terminal information.

10. The data transmitting method according to claim 1, wherein said unique terminal information is a unique physical address corresponding to said receiving terminal means, and is fixedly assigned to said receiving terminal means.

11. A data transmitting system for transmitting data from a transmission means to a receiving terminal means, comprising:
said transmission means for transmitting unique terminal information to specify and identify one of a plurality of said receiving terminal means as a destination of transmission and an update program to change the processing of said receiving terminal means; and

said receiving terminal means for receiving said unique terminal information and said update program transmitted by said

transmission means and storing them in prescribed storage means to update said processing.

12. The data transmitting system according to claim 11, wherein;

said receiving terminal means transmits a transfer request generated based on said update program and said unique terminal information to said transmission means; and

said transmission means replies desired data corresponding to said transfer request to said receiving terminal means based on said unique terminal information.

13. The data transmitting system according to claim 12, wherein

said transmission means authenticates whether said unique terminal information transmitted from said receiving terminal means has been registered in a database of said transmission means and replies said prescribed data to said receiving terminal means.

14. The data transmitting system according to claim 11, wherein:

said transmission means transmits converted unique information obtained by converting said unique terminal information into a prescribed format, to said receiving terminal means; and

said receiving terminal means returns said unique terminal

information based on said converted unique information and then stores this in said storage means.

15. The data transmitting system according to claim 14, wherein

a key ID is used as said converted unique information.

16. The data transmitting system according to claim 12, wherein

said transmission means replies said desired data to said receiving terminal means via a communication satellite based on said unique terminal information.

17. The data transmitting system according to claim 12, wherein

said transmission means replies said desired data using Internet to said receiving terminal means based on said unique terminal information.

18. The data transmitting system according to claim 12, wherein

said transmission means replies said desired data to said receiving terminal means through a terrestrial circuit based on said unique terminal information.

19. The data transmitting system according to claim 12, wherein

desired data replied from said transmission means is displayed on a display means of said receiving terminal means

based on said unique terminal information.

20. The data transmitting system according to claim 11, wherein

said unique terminal information is a unique physical address corresponding to said receiving terminal means, and is fixedly assigned to said receiving terminal means.

21. A receiving terminal for receiving data transmitted from a transmission means, comprising:

receiving means for receiving unique terminal information to specify and identify one of a plurality of said receiving terminals as a destination of transmission and an update program for changing the processing of said receiving terminal that are transmitted from said transmission means; and

storage means for storing said unique terminal information and said update program received by said receiving means.

22. The receiving terminal according to claim 21, wherein:

a transfer request generated based on said update program is transmitted to said transmission means along with said unique terminal information; and

desired data corresponding to said transfer request replied from said transmission means is received with said receiving terminal based on said unique terminal information.

23. The receiving terminal according to claim 22, wherein

said transmission means authenticates whether said unique

terminal information transmitted from said receiving terminal has been registered in a database of said transmission means and replies said desired data to said receiving terminal.

24. The receiving terminal according to claim 21, wherein converted unique information is obtained by converting said unique terminal information into a prescribed format.

25. The receiving terminal according to claim 24, wherein a key ID is used as said converted unique information.

26. The receiving terminal according to claim 22, wherein said desired data is replied via a communication satellite based on said unique terminal information.

27. The receiving terminal according to claim 22, wherein said desired data is replied using Internet based on said unique terminal information.

28. The receiving terminal according to claim 22, wherein said desired data is replied through a terrestrial circuit based on said unique terminal information.

29. The receiving terminal according to claim 22, wherein said desired data replied from said transmission means is displayed on a display means based on said unique terminal information.

30. The receiving terminal according to claim 21, wherein said unique terminal information is a unique physical address corresponding to said receiving terminal, and is fixedly

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assigned to said receiving terminal.

31. A data receiving method of receiving data transmitted from a transmission means to a receiving terminal, comprising:

a receiving step of receiving unique terminal information to specify and identify one of a plurality of said receiving terminals as a destination of transmission and an update program to change the processing of said receiving terminal, which are transmitted from said transmission means; and

an update step of storing said unique terminal information and said update program received by said receiving terminal means to update said processing.

32. The data receiving method according to claim 31, wherein following said update step, said data receiving method comprises:

a transfer request step of transmitting a transfer request generated based on said update program, to said transmission means along with said unique terminal information; and

a reply data receiving step of receiving desired data replied from said transmission means in response to said transfer request based on said unique terminal information.

33. The data receiving method according to claim 32, wherein before said reply data receiving step, said data transmitting method further comprises

an authentication step of authenticating whether said

unique terminal information transmitted from said transmission means has been registered in a database of said receiving terminal.

34. The data receiving method according to claim 31, wherein in said receiving step, converted unique information is obtained by converting said unique terminal information into a prescribed format.

35. The data receiving method according to claim 34, wherein a key ID is used as said converted unique information.

36. The data receiving method according to claim 32, wherein in said reply data receiving step, said desired data is replied via a communication satellite based on said unique terminal information.

37. The data receiving method according to claim 32, wherein in said reply data receiving step, said desired data is replied using Internet based on said unique terminal information.

38. The data receiving method according to claim 32, wherein in said reply data receiving step, said desired data is replied through a terrestrial circuit based on said unique terminal information.

39. The data receiving method according to claim 32, wherein said desired data replied from said transmission means is displayed on a display means based on said unique terminal

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

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